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PCT04

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/700,259A

DATE: 03/07/2002

TIME: 15:40:30

Input Set : A:\Margisol.app

Output Set: N:\CRF3\03072002\I700259A.raw

3 <110> APPLICANT: CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED, et al  
5 <120> TITLE OF INVENTION: IONIZING RADIATION OR DIATHERMY-SWITCHED GENE THERAPY  
6 VECTORS AND THEIR USE IN ANTITUMOUR THERAPY  
8 <130> FILE REFERENCE: PCT/GB99/01362  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/700,259A  
C--> 11 <141> CURRENT FILING DATE: 2002-02-19  
13 <150> PRIOR APPLICATION NUMBER: GB 9810423.5  
14 <151> PRIOR FILING DATE: 1998-05-15  
16 <160> NUMBER OF SEQ ID NOS: 12  
18 <170> SOFTWARE: PatentIn Ver. 2.1  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 10  
22 <212> TYPE: DNA  
23 <213> ORGANISM: Artificial Sequence  
25 <220> FEATURE:  
26 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
27 single stranded oligonucleotide used in tandem  
28 arrays to provide radiation responsive promoter  
29 elements.  
31 <400> SEQUENCE: 1  
32 ccttatttgg 10  
35 <210> SEQ ID NO: 2  
36 <211> LENGTH: 69  
37 <212> TYPE: DNA  
38 <213> ORGANISM: Artificial Sequence  
40 <220> FEATURE:  
41 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
42 single stranded oligonucleotide containing 6  
43 repeats of SEQ ID NO: 1.  
45 <400> SEQUENCE: 2  
46 gatctcctta tttggcctta tttggcctta tttggcctta tttggcctta tttggcctta 60  
47 ttgggcgat 69  
50 <210> SEQ ID NO: 3  
51 <211> LENGTH: 64  
52 <212> TYPE: DNA  
53 <213> ORGANISM: Artificial Sequence  
55 <220> FEATURE:  
56 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
57 single stranded oligonucleotide sequence  
58 complementary to SEQ ID NO: 2.  
60 <400> SEQUENCE: 3  
61 cgcccaaata aggccaaata aggccaaata aggccaaata aggccaaata aggccaaata 60  
62 agga 64

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65 <210> SEQ ID NO: 4  
66 <211> LENGTH: 48  
67 <212> TYPE: DNA  
68 <213> ORGANISM: Artificial Sequence  
70 <220> FEATURE:  
71 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
72 single stranded oligonucleotide containing 4  
73 repeats of SEQ ID NO: 1.  
75 <400> SEQUENCE: 4  
76 gatctttatt tggccttatt tggccttatt tggccttatt tgggcgat 48  
79 <210> SEQ ID NO: 5  
80 <211> LENGTH: 44  
81 <212> TYPE: DNA  
82 <213> ORGANISM: Artificial Sequence  
84 <220> FEATURE:  
85 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
86 single stranded oligonucleotide sequence  
87 complementary to SEQ ID NO: 4.  
89 <400> SEQUENCE: 5  
90 cgcccaaata aggccaaata aggccaaata aggccaaata agga 44  
93 <210> SEQ ID NO: 6  
94 <211> LENGTH: 36  
95 <212> TYPE: DNA  
96 <213> ORGANISM: Artificial Sequence  
98 <220> FEATURE:  
99 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer for PCT  
100 amplification of enhancer/promoter sequence of  
101 human primary response gene egr-1/T1S8.  
103 <400> SEQUENCE: 6  
104 tccagatctc ccggttcgct ctacggtcc ctgagg 36  
107 <210> SEQ ID NO: 7  
108 <211> LENGTH: 32  
109 <212> TYPE: DNA  
110 <213> ORGANISM: Artificial Sequence  
112 <220> FEATURE:  
113 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer for PCT  
114 amplification of enhancer/promoter sequence of  
115 human primary response gene egr-1/T1S8.  
117 <400> SEQUENCE: 7  
118 cggcgcgccg ctggatctct cgcgactccc cg 32  
121 <210> SEQ ID NO: 8  
122 <211> LENGTH: 42  
123 <212> TYPE: DNA  
124 <213> ORGANISM: Artificial Sequence  
126 <220> FEATURE:  
127 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer for PCT  
128 amplification of enhancer sequence of human  
129 primary response gene egr-1/T1S8.  
131 <400> SEQUENCE: 8

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132 actgcgatcg cgggcccgcc cccggcccgca tcccaggccc cc 42  
135 <210> SEQ ID NO: 9  
136 <211> LENGTH: 26  
137 <212> TYPE: DNA  
138 <213> ORGANISM: Artificial Sequence  
140 <220> FEATURE:  
141 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer Clatk  
142 for PCR amplification of Thymidine kinase gene.  
144 <400> SEQUENCE: 9  
145 ccatcgatat ggcttcgtac cccggc 26  
148 <210> SEQ ID NO: 10  
149 <211> LENGTH: 40  
150 <212> TYPE: DNA  
151 <213> ORGANISM: Artificial Sequence  
153 <220> FEATURE:  
154 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer tkNot  
155 for PCR amplification of Thymidine kinase gene.  
157 <400> SEQUENCE: 10  
158 aaggaaaaaa gcgccgcct ccttcctgtg ttccagtttagc 40  
161 <210> SEQ ID NO: 11  
162 <211> LENGTH: 83  
163 <212> TYPE: DNA  
164 <213> ORGANISM: Artificial Sequence  
166 <220> FEATURE:  
167 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
168 single stranded oligonucleotide used to produce  
169 double stranded molecules containing the hypoxia  
170 responsive region of the Enolase-1 gene promoter.  
172 <400> SEQUENCE: 11  
173 gatctagggc cggacgtggg gccccgtagg cacgctgagt gcgtgcggga ctcggagtag 60  
174 gtgacggagc cccgcgatgc gat 83  
177 <210> SEQ ID NO: 12  
178 <211> LENGTH: 77  
179 <212> TYPE: DNA  
180 <213> ORGANISM: Artificial Sequence  
182 <220> FEATURE:  
183 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
184 single stranded oligonucleotide used to produce  
185 double stranded molecules containing the hypoxia  
186 responsive region of the Enolase-1 gene promoter.  
188 <400> SEQUENCE: 12  
189 cgcacgcgg ggctccgtca cgtactccga gtcccgacg cactcagcgt gcctacgggg 60  
190 cccacgtcc ggccta 77

"OUT" "5300259A"

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

